

## Foreword

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This special issue of the *Journal of Applied Electrochemistry* is dedicated to the 3rd International Symposium on Enhanced Electrochemical Capacitors (ISEECap2013) held in Taormina, Italy from June 3 to June 7, 2013. The ISEECap2013 conference follows the previous successful events held in Poznan, Poland (2011) and Nantes, France (2009). This edition of the international conference was organized by the Institute of Advanced Energy Technologies “Nicola Giordano” of the Italian National Research Council (CNR-ITAE) in cooperation with the European COST Action MP1004 “Hybrid Energy Storage Devices and Systems for Mobile and Stationary Applications”. The ISEECap2013 conference attracted the participation of 142 scientists coming from 24 countries across five continents. The program of the conference consisted of 4 Tutorials, 1 Plenary lecture, 7 Keynotes, 45 Oral presentations, and 72 Posters. The scientific program covered various topics such as: basic electrochemistry, new materials based on metal oxides, nitrides, metals, and new forms of carbon. Moreover, the conference covered also the synthesis and development of new electrolytes, new insights on symmetric, asymmetric and hybrid devices, characterization and modeling, applications of supercapacitors and of hybrid power systems.

In this conference international scientists, industrial engineers, and top-level industrial managers discussed all

aspects of technology and applications of electrochemical supercapacitors. A very positive aspect was also the active participation of industrial engineers from various companies. The conference was sponsored by Biologic Science Instruments (France), Etrera (European commission), Sovema Battery Manufacturing Equipment (Italy), and Autolab-Metrohm Italia.

This special issue of the *Journal of Applied Electrochemistry* is devoted to a selection of representative papers covering fundamental and applied aspects of supercapacitors, development of electrode materials, and the application of ionic liquid electrolytes. Moreover, some papers are focused on the recent development of supercapacitors and their use in hybrid power systems for mobile and grid applications. All the papers published in this special issue were subjected to a rigorous peer-review process according to the high quality standards of this well-respected journal. We would like to express our sincere thanks to all reviewers and authors engaged in this production. Without them, this special issue would not have been possible. As guest editors and members of the organizing committee, we are indebted to all the people that contributed to this meeting and to the publication of this special issue. Our grateful goes to the Prof. Gerardine Botte which has proved its own enthusiasm in the publication of this special issue of the *Journal of Applied Electrochemistry*.

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